



USDA – National  
Agricultural Statistics  
Service, Tennessee  
Field Office

# Weekly Weather and Crop Bulletin



Cooperating with  
Tennessee Department  
of Agriculture

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Week Ending July 30, 2006

## WEEKEND RAINS AIDED CROPS AND PASTURES, BUT MORE IS NEEDED

Showers and thunderstorms passed through Tennessee last weekend providing relief to crops and pastures. Progress of the corn crop continued ahead of last year and the 5-year averages. Corn silage harvesting got underway in some areas. Cotton and soybean development also remained ahead of normal. Ninety percent of the cattle were rated in fair to excellent condition, while hay stock levels were classified adequate to surplus in West Tennessee and very short to adequate elsewhere. Activities accomplished during the six days suitable for fieldwork last week included applying pesticides, topping tobacco, and tending livestock.

As of Friday, topsoil moisture levels were rated 22 percent very short, 38 percent short, 38 percent adequate, and 2 percent surplus. Subsoil moisture levels were rated 22 percent very short, 39 percent short, and 39 percent adequate. Temperatures last week averaged near normal across the entire State, while precipitation varied greatly depending on location. Generally, rainfall was below normal through much of the State.

CROP PROGRESS: Through July 30, 2006					CONDITION: On July 28, 2006					
Crop	This Week	Last Week	2005	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excel-Lent
Percent					Percent					
Corn Dough	83	62	78	77	Cattle	2	8	34	48	8
Corn Dent	50	20	37	35	Corn	6	12	24	41	17
Corn Harvested for Silage	11	n/a	2	4	Cotton	1	4	21	61	13
Cotton Setting Bolls	82	64	87	79	Pastures	16	23	35	25	1
Soybeans Blooming	90	82	92	68	Soybeans	6	10	26	47	11
Soybeans Setting Pods	71	55	77	46	Tobacco	2	7	31	50	10
Tobacco Topped	43	26	39	44						

n/a= not available

### County Agent Comments

*“Our County is receiving much needed rain today (Friday). It is premature to say how much or if enough. However, each drop is needed and appreciated. Farmers are finishing up on cotton weed control efforts, and maintaining insect vigilance. Soybean management is receiving attention as to weed and grass control and disease and insect activities.”*

**Jerry Parker, Lauderdale County**

*“We are currently getting a much needed shower (Friday). If it should rain all day, our crop could respond favorably. The excessive heat last week really sped up the cotton crop's maturation.”*

**Tracey Sullivan, Haywood County**

*“Hot, dry weather continues to impact crops, especially corn trying to pollinate and fill. Pasture and hay crops are slow to grow and getting overgrazed in many areas.”*

**David K. Glover, Smith County**

*“Scattered light showers brought temporary relief in isolated areas but much more rain is needed soon to salvage anything close to profitable yields and to have enough growth for an additional cutting of hay.”*

**Mannie Bedwell, Hamblen County**

*“Scattered showers were welcomed late in the week. All crops have responded quite well. Early corn is ready for harvest as silage with harvest is getting underway. Although burley tobacco acreage is down considerably, the crop is generally in good condition.”*

**Bob Sliger, Monroe County**

*“For corn, much needed rain is too little, too late to help the crop as most of the corn has matured. There is very little green left in most of the crop as some producers are preparing to harvest some acres. For soybeans, much needed moisture is helping double crop beans put on vegetative growth and will help mid-maturity beans set and fill pods. For cotton, moisture is a welcome sight for cotton producers as the crop continues to set and develop bolls.”*

**Ed Burns, Franklin County**

TEMPERATURES AND PRECIPITATION										
For week ending: July 30, 2006 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F Since April 1	
	Week Ending July 30, 2006				Current Week 07/30/06	Rain Days	Current Since January 1	Departure From Normal		
	HI	LO	AVG	DFN					Total	DFN
Ames_Plantation	96	61	80	2	0.12	1	26.88	-5.26	1649	215
Tri-City_RGNL_A	90	58	76	2	0.27	4	22.95	-2.3	1001	65
Brownsville_TN	94	64	79	-2	0.93	4	29.84	-2.32	1724	482
Chattanooga/Lov	96	66	81	2	0.04	2	25.17	-7.47	1609	296
Clarksville_Sew	92	61	78	0	1.15	1	27.7	-2.62	1488	237
Cookeville	91	61	77	1	0.97	2	31.96	-2.5	1160	403
Covington	93	62	77	-4	1.28	3	29.04	-2.7	1574	114
Crossville_AP	88	59	76	2	1.34	3	29.34	-4.7	1054	185
Dayton	94	63	79	3	0.66	2	23.53	-10.46	1291	116
Dickson_AG	91	59	76	-3	3.35	2	31.24	-1.45	1275	-41
Dover_1W	90	60	77	-1	2.5	1	29.8	-1.86	1373	272
Dyersburg	93	61	79	-3	0.96	2	29.94	-0.52	1738	177
Erwin_1W	89	61	75	3	1.05	4	32.77	2.46	981	-149
Huntingdon_Wate	93	61	78	-2	3.4	2	32	0.04	1510	328
Jackson_Exp_Stn	93	62	79	-2	0.97	2	29.27	-2.79	1623	244
Kingston_AG	93	62	78	3	0.79	3	30.36	-5.31	1302	292
Knoxville_AP	92	66	80	3	1.36	4	25.44	-4.24	1441	312
Lewisburg	95	59	79	2	0.52	3	29.67	-4.14	1373	225
Lexington_TN	92	61	78	-2	3.13	3	33.24	2.11	1459	645
Linden	96	58	78	1	1.32	2	30.84	-3.15	1404	244
Martin	91	61	77	-2	1.69	3	33.31	1.14	1495	171
Mc_Minnville_Tn	91	62	79	3	0.82	4	31.99	-0.82	1414	-63
Memphis_AG	97	64	81	-2	0.07	3	28.32	-2.85	1782	44
Milan	94	58	79	1	1.32	2	31.49	-1.33	1538	244
Murfreesboro_5N	93	62	78	-1	1.85	2	33.46	1.29	1410	-54
Nashville_Metro	94	65	80	1	0.24	2	25.95	-2.96	1598	223
Newcomb	91	60	76	3	2.37	4	30.6	-2.69	1037	228
Oneida	89	60	76	3	3.82	3	32.1	-1.19	1054	-172
Portland_TN	91	62	78	2	2.45	1	26.29	-5.21	1322	205
Pulaski_Water_P	95	62	79	-2	0.97	2	32.02	-1.51	1436	49
Savannah_6SW	96	62	80	1	0.54	2	31.92	-3	1615	414
Sparta_TN	92	60	78	2	1.04	2	33.58	0	1335	372
Springfield	93	58	77	0	1.04	1	29.94	-0.4	1230	96
Springhill	95	60	78	2	1.13	2	29.58	-4.17	1424	287
Union_City	89	60	76	-3	2.04	2	36.12	4.79	1426	129
Waynesboro_TN	94	59	77	-1	1.23	3	34.74	-0.78	1299	-39

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.  
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.  
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